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DIALOG(R) File 351:Derwent WPI

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WPI Acc No: 1993-164640/199320

Polypropylene resin compsn. - comprises polypropylene@ copolymers of differing viscosities contg. alpha- olefin units and blend of polyethylene@-polypropylene@ rubber and polyethylene@- polybutylene rubber

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Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 5098097 | A | 19930420 | JP 91283751 | A | 19911004 | 199320 B |
| JP 2828808 | B2 | 19981125 | JP 91283751 | A | 19911004 | 199901 |

Priority Applications (No Type Date): JP 91283751 A 19911004

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|----------------------------------|
| JP 5098097 | A | 6 | C08L-023/14 | |
| JP 2828808 | B2 | 6 | C08L-023/14 | Previous Publ. patent JP 5098097 |

Abstract (Basic): JP 5098097 A

Polypropylene resin compsn. comprises (I), (II) and (III). (I) 80-60 wt.% of the total amt. copolymer X contg. (A) and (B). (A) 20-40 wt.% of propylene copolymer X having (a) a content of alpha-olefin unit other than propylene of 4 mol.% or lower, (b) 96% or more of minimum fraction in fraction measured by ¹³C-NMR and (c) an intrinsic viscosity of 0.7 dl/g-1.5 dl/g, (B) 80-60 wt.% of the total amt. of (A) plus (B) of propylene copolymer Y having intrinsic viscosity of 3.5 dl/g or higher, (II) 20-40 wt.% of the total amt. of (A) plus (B) of the rubber component obtd. by pre-blending (d) 30-70 wt.% of ethylene-propylene copolymer rubber having propylene content of 20-30 wt.%, (e) 70-30 wt.% of ethylene-butylene copolymer having butene content of 12-25 wt.% and melt index of 0.5-10/10 min.. (III) 0-7 pts. wt. of inorganic filler. (III) is talc.

USE/ADVANTAGE - The compsn. is used as raw material of outer member of automobile such as bumper or side mould. Compsn. has balanced properties of impact strength, rigidity and hardness.

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Derwent Class: A17; A95

International Patent Class (Main): C08L-023/14

International Patent Class (Additional): C08K-003/00; C08L-023/14;
C08L-023-08; C08L-023-16

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